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SEQUENCE LISTING

<110> Majumder, Arunendra Manoj, Majee

 $<\!\!120\!\!>$ A salt tolerant L-myo-inositol 1-phosphate synthase and the process of obtaining the same

<130> 4544-051674

<140> US 10/538,423

<141> 2005-06-10

<150> PCT/IN2003/000065

<151> 2003-03-21

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His Glu Ser His Asp Gly Ala Ser Arg Tyr Ile Val Arg Pro Lys Ser 35 40 45

Val Arg Tyr Asn Phe Arg Thr Thr Thr Thr Val Pro Lys Leu Gly Val 50 55 60

Met Leu Val Gly Tyr Gly Gly Asn Asn Gly Ser Thr Leu Thr Ala Gly 65 70 75 80

Val Ile Ala Asp Arg Glu Gly Ile Ser Trp Ala Thr Lys Asp Lys Val 85 90 95

Gln Gln Ala Asn Tyr Tyr Gly Ser Leu Thr Gln Ala Ser Thr Ile Arg 100 105 110

Val Gly Ser Tyr Asn Gly Glu Glu Ile Tyr Ala Pro Phe Lys Ser Leu 115 120 125

Leu Pro Met Val Asn Pro Asp Asp Leu Val Phe Gly Gly Trp Asp Ile 130 135 140

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Val 225	Val	Val	Leu	Trp	Thr 230	Ala	Asn	Thr	Glu	Arg 235	Tyr	Ser	Asn	Val	Cys 240
Val	Gly	Leu	Asn	Asp 245	Thr	Met	Glu	Asn	Leu 250	Leu	Ala	Ser	Val	Asp 255	Lys
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His	Asn	Thr	Cys 420	Glu	Asp	Ser	Leu	Leu 425	Ala	Ala	Pro	Ile	Ile 430	Leu	Asp
Leu	Val	Leu 435	Leu	Ala	Glu	Leu	Ser 440	Thr	Arg	Ile	Gln	Leu 445	Lys	Ala	Glu

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Ala Cys Val Gly Leu Ala Pro Glu Asn Asn Met Ile Leu Glu Tyr Lys 500 505 510